

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A driving apparatus for a plasma display panel, comprising:
a set-up supplier for supplying a rising ramp waveform to scan electrodes in an initialization period and for supplying a positive enhancing pulse to the scan electrodes during an enhancing period following said initialization period, wherein the rising ramp waveform increases to a peak voltage and the positive enhancing pulse has a maximum voltage less than the peak voltage; and
a negative voltage ~~supplier~~ supplier for supplying a falling ramp waveform to the scan electrodes in the initialization period and for supplying a negative enhancing pulse to the scan electrodes during the enhancing period.

2-8. (Canceled)

Reply to Office Action dated June 18, 2008

9. (Currently Amended) A plasma display device comprising:

a plasma display panel (PDP) having scan electrodes and sustain electrodes to form a plurality of electrode pairs; and

a first driving circuit that ~~initialize~~ initializes discharge cells by applying a first signal having a first gradually rising waveform to the scan electrodes during a reset period of at least one sub-field, the first gradually rising waveform increasing to a first maximum voltage value;

wherein the first driving circuit applies a second signal having a second gradually rising waveform, ~~which has a lower maximum voltage value than that of the first signal,~~ to the scan electrodes after applying the first signal in the reset period and before an address period of the at least one sub-field, the second gradually rising waveform increasing to a second maximum voltage value less than the first maximum voltage value.

10. (Currently Amended) The plasma display device as set forth in claim 9, wherein the ~~lower~~ second maximum voltage value is lower than a sustain voltage applied to the scan electrodes or applied to the sustain electrodes in a sustain period of the at least one sub-field.

11. (Currently Amended) The plasma display device as set forth in claim 9, wherein a difference of maximum voltage value ~~between the first signal and the second signal~~ between the first maximum voltage value and the second maximum voltage value is substantially the same as

a sustain voltage applied to the scan electrodes or the sustain electrodes in a sustain period of the at least one sub-field.

12. (Previously Presented) The plasma display device as set forth in claim 9, wherein a slope of the first gradually rising waveform is substantially the same as a slope of the second gradually rising waveform.

13. (Currently Amended) The plasma display device as set forth in claim 9, wherein a ground voltage is applied to the sustain electrodes when the second gradually rising waveform is ~~provided~~ applied to the scan electrodes.

14. (Currently Amended) The plasma display device as set forth in claim 9, wherein the first signal further ~~comprises~~ has a first gradually falling waveform provided after the first gradually rising waveform during the reset period of the at least one sub-field.

15. (Currently Amended) The plasma display device of claim 14, wherein the second signal further ~~comprises~~ has a second gradually falling waveform provided after the second gradually rising waveform in the at least one-sub-field.

16. (Previously Presented) The plasma display device of claim 15, wherein the first gradually falling waveform is provided until a voltage provided to the scan electrodes reaches a

Reply to Office Action dated June 18, 2008

first voltage, and the second gradually falling waveform is provided until the voltage reaches a second voltage value, wherein the first and second voltages are different.

17. (Previously Presented) The plasma display device of claim 16, wherein the second voltage is greater than the first voltage.

18. (Currently Amended) The plasma display device as set forth in claim 14, wherein a voltage substantially similar to a sustain voltage provided to the scan or sustain electrodes during [[the]]a sustain period is provided to the sustain electrodes when the first gradually falling waveform is applied to the scan electrodes.

19. (Currently Amended) A method of driving a plasma display panel based on a plurality of sub-fields, the plasma display panel having a plurality of discharge cells, and each cell of the cells having a scan electrode and a sustain electrode, the method comprising:

providing a first signal including a first ramp-up signal to the scan electrode during an initialization period of at least one sub-field;

providing a second signal including a second ramp-up signal to the scan electrode after providing the first signal and during the at least one sub-field;

providing a scan signal to the scan electrode during an address period of the at least one sub-field, the scan signal being provided after the second signal in the at least one sub-field;

Reply to Office Action dated June 18, 2008

providing at least one sustain signal to at least one of the scan electrode or the sustain electrode during a sustain period of the at least one sub-field, wherein

the first ramp-up signal of the first signal has a first peak voltage value, and the second ramp-up signal of the second signal has a second peak voltage value, wherein the first ~~and second peak voltage values are different from each other~~ peak voltage value is greater than the second peak voltage value.

20. (Canceled)

21. (Currently Amended) The method of claim ~~[[20]]~~19, wherein the first signal ~~has~~ includes a first ramp-down signal.

22. (Currently Amended) The method of claim 21, wherein the second signal ~~has~~ includes a second ramp-down signal.

23. (Currently Amended) The method of claim ~~[[20]]~~19, wherein a ground voltage is provided to the sustain electrode when the second signal is provided to the scan electrode.

24. (Currently Amended) The method of claim ~~[[20]]~~19, wherein a sustain voltage is provided to the sustain electrode when the first signal is provided to the scan electrode.

Serial No. **10/565,387**

Docket No. **YHK-0156**

Reply to Office Action dated June 18, 2008

25. (Currently Amended) The method of claim 22, wherein a lowest voltage of the first ramp-down signal is ~~lower~~ less than a lowest voltage of the second ramp-down signal.